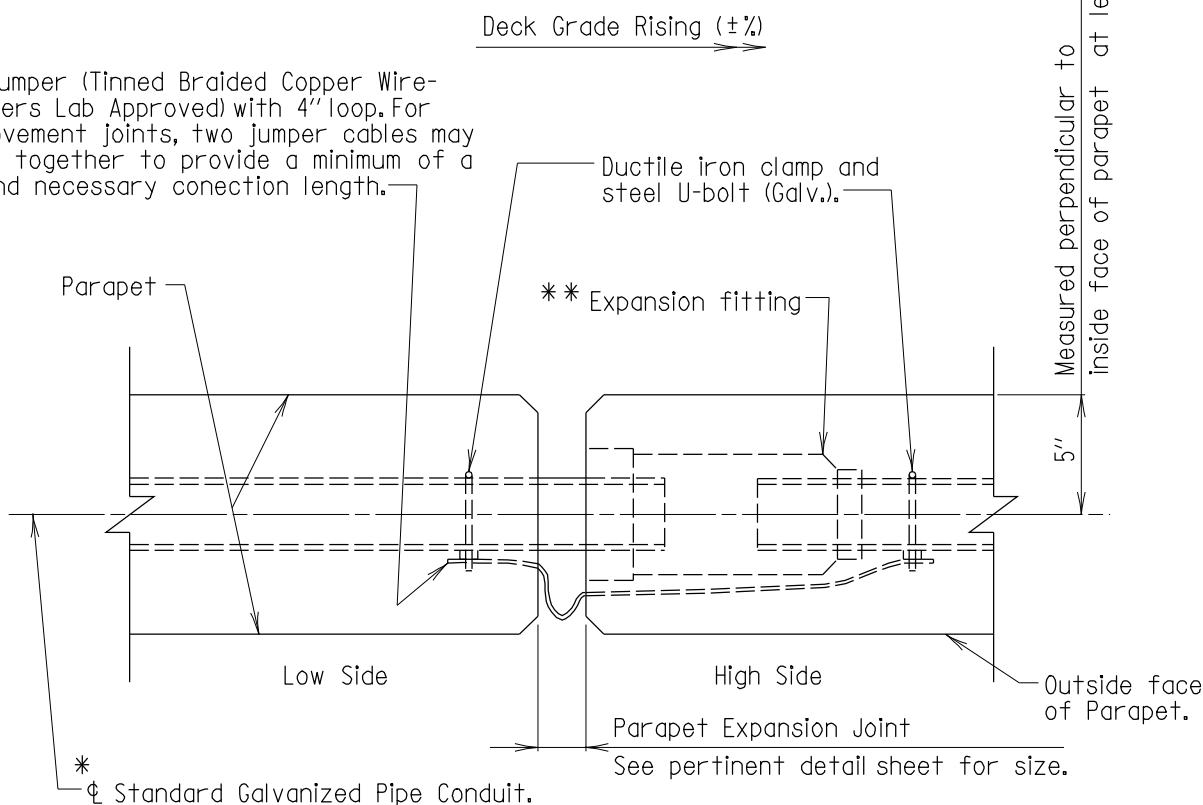


Bonding Jumper (Tinned Braided Copper Wire-Underwriters Lab Approved) with 4" loop. For larger movement joints, two jumper cables may be bolted together to provide a minimum of a 6" loop and necessary connection length.



SECTION

Scale: 1 1/2" = 1'-0"

* For conduit size see Superstructure "Typical Section" sheet. Vertical location of ϕ of this conduit shall be at least 4" below bottom of railing or fencing anchorage systems.

** Expansion fittings for use with rigid galvanized steel conduit shall consist of a malleable iron head and steel sleeve which shall be hot-dipped galvanized and assembled with a watertight packing gland, an insulated bushing, pressure ring and gasket and a tinned-copper bond to assure continuity of ground. The fitting shall provide, unless otherwise noted on the plans: 4" of movement for all compression seal roadway joints and 8" of movement for all other roadway joints, such as steel finger joints.

Notes:

1. Place expansion joint in pipe conduit and parapet at every expansion joint in supports in bridge deck.
2. #10 galvanized pull wire to be provided for full length of conduit and left in place.
3. Contractor may furnish either PVC conduit as shown on sheet 2 of 2 or material shown on this detail. However only one type can be used throughout a structure.

APPROVAL	
<i>E. S. Friedman</i>	DIRECTOR
OFFICE OF STRUCTURES	
DATE: 6/20/75	
REVISIONS	
SHA	FHWA
7-5-83	11-29-85
9-1-83	11-29-85
12-29-89	6-8-90
1-22-01	

FHWA APPROVAL
DATE: 8-24-76

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF STRUCTURES

EXPANSION JOINT FOR CONDUIT IN PARAPET

STANDARD NO. BR-SS(0.01)-75-13

SHEET 1 OF 2

SUPER-OTHER